

### INTERVIEW SUMMARY

A telephonic interview was conducted on August 2, 2005. Applicant thanks Examiner Paul V. Ward for the courtesies extended to his representative, James K. Blodgett. Applicant requested that the Examiner provide clarification of his request, made in the Office Action dated June 27, 2005, "to elect a single disclosed species." Applicant indicated that the instant application discloses several different embodiments of chiral nanotubes, each comprising monomers having bicyclic ring systems. Applicant further indicated that his previous election as species of a chiral nanotube according to claim 2, where the nanotube monomer is a [6:6] bicyclic ring system, made in response to the Office Action dated March 25, 2005, is consistent with MPEP § 806.04(e). Nonetheless, the Examiner indicated that he still requires the election of "one specific example, i.e., a specific compound, within claim 2 in order to facilitate the required search." Although Applicant disagrees with the Examiner's reading of MPEP § 806.04(e), in an effort to expedite prosecution of the instant application, Applicant made the second election of species indicated below. Finally, Applicant requests entry of the claim amendments indicated under 37 C.F.R. § 1.121(c) and consideration of the accompanying remarks in response to the Office Action mailed June 27, 2005.

### REMARKS

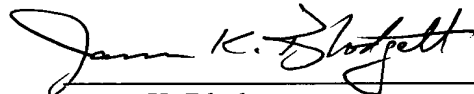
In the captioned application, the Examiner has stated that "[t]he timely submission under 37 CFR 1.129(a) filed on April 25, 2005 is not fully responsive to the prior Office Action because Applicant failed, under 35 U.S.C. 121, to elect a single disclosed species." In light thereof, the Examiner has indicated that "[s]ince the submission appears to be a *bona fide* attempt to provide a complete reply to the prior Office Action, applicant is given a shortened statutory period of ONE MONTH or THIRTY DAYS from the mailing date of this letter, whichever is longer, to submit a complete reply." The Examiner further indicated that "[t]his shortened statutory period supersedes the time period set in the prior Office action." Applicant thanks the Examiner for superseding the time period set in the Office Action dated March 25, 2005.

Applicant's claims 1-17 are drawn to chiral nanotubes comprising a plurality of nanotube monomers, claims 18-25 are drawn to processes for forming and stabilizing solutions of chiral nanotubes where the nanotubes are assembled from nanotube monomers, and claims 26-27 are drawn to a nanotube monomer having a [6:6] bicyclic ring system.

Applicant respectfully points out that illustrative embodiments of chiral nanotubes, which are different species described in Applicant's specification, are those comprising a plurality of nanotube monomers having [6:6], [5:6], [6:5], and/or [5:5] bicyclic ring systems that contain multiple hydrogen bond donor sites and multiple hydrogen bond acceptor sites in specified locations. Further, Applicant again respectfully directs the Examiner's attention to MPEP § 806.04(e) Claims Restricted to Species, wherein it states that "[s]pecies are always the specifically different embodiments." In light thereof, Applicant respectfully submits that his previous election as species of a chiral nanotube according to claim 2, where the nanotube is a [6:6] bicyclic ring system, was fully responsive to the election requirement imposed by the Examiner.

However, in order to expedite prosecution, Applicant hereby elects as species a chiral nanotube according to claim 30, where the nanotube monomer is a pyrimidopyrimidine [6:6] bicyclic ring system containing the specific synthetic receptor corresponding to aminobenzo-18-crown-6. In light of the foregoing election, Applicants have amended claim 28, and added new claim 30, drawn to the elected species. Of the claims subject to an election of species, i.e., claims 1-29, and pursuant to MPEP § 809.02(a), claims 1-25 and 28-30 are readable on the elected species.

Respectfully submitted,  
BARNES & THORNBURG



James K. Blodgett  
Agent for Applicants  
Reg. No. 48,480

JKB:glt  
Indianapolis, IN  
(317) 231-7401